

41

10-23-03

1647/15

AMENDMENT TRANSMITTAL LETTER

Docket No.
UMV-1584Application No.
09/357273-Conf. #9009Filing Date
July 20, 1999Examiner
R. HayesArt Unit
1647

Applicant(s): Randal J. Kaufman, et al.

Invention: IRE1P, NOVEL MAMMALIAN PROTEIN, AND GENE ENCODING SAME

RECEIVED
OCT 29 2003
TECH CENTER 1600/2000

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	30	- 30 =		x	0.00
Independent Claims	7	- 7 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					475.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					475.00

☐ Large Entity☒ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 12-0080 in the amount of \$ 475.00
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-0080
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: October 21, 2003

DeAnn F. Smith

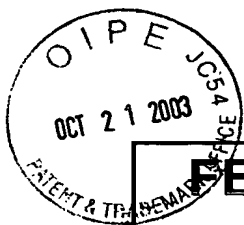
Attorney Reg. No.: 36,683

LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. 354229316, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 21, 2003

Signature: (DeAnn F. Smith)



<h1>FREE TRANSMITTAL</h1> <h2>for FY 2004</h2> <p><i>Effective 10/01/2003, Patent fees are subject to annual revision.</i></p>				Complete if Known																																																																																																																																																																																																																																																																											
				Application Number 09/357273-Conf. #9009																																																																																																																																																																																																																																																																											
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Filing Date July 20, 1999																																																																																																																																																																																																																																																																											
				First Named Inventor Randal J. Kaufman																																																																																																																																																																																																																																																																											
				Examiner Name Robert C. Hayes																																																																																																																																																																																																																																																																											
				Art Unit 1647																																																																																																																																																																																																																																																																											
TOTAL AMOUNT OF PAYMENT (\$)		475.00		Attorney Docket No. UMV-1584																																																																																																																																																																																																																																																																											
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				3. ADDITIONAL FEES																																																																																																																																																																																																																																																																											
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 12-0080 Deposit Account Name Lahive & Cockfield, LLP																																																																																																																																																																																																																																																																															
The Director is authorized to: (check all that apply)				<table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td>475.00</td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="4">Other fee (specify)</td><td colspan="2"></td></tr><tr><td colspan="4">SUBTOTAL (1) (\$)</td><td colspan="2">0.00</td></tr><tr><td colspan="4">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</td><td colspan="2">*Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="4">Total Claims <input type="text"/> -20** = <input type="text"/> x <input type="text"/> = <input type="text"/></td><td colspan="2">SUBTOTAL (3) (\$)</td></tr><tr><td colspan="4">Independent Claims <input type="text"/> -3** = <input type="text"/> x <input type="text"/> = <input type="text"/></td><td colspan="2">475.00</td></tr><tr><td colspan="4">Multiple Dependent <input type="text"/></td><td colspan="2"></td></tr><tr><td colspan="4"><table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr></tbody></table></td><td colspan="2"></td></tr><tr><td colspan="4">SUBTOTAL (2) (\$)</td><td colspan="2">0.00</td></tr><tr><td colspan="4">**or number previously paid, if greater; For Reissues, see above</td><td colspan="2"></td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month	475.00	1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)						SUBTOTAL (1) (\$)				0.00		2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				*Reduced by Basic Filing Fee Paid		Total Claims <input type="text"/> -20** = <input type="text"/> x <input type="text"/> = <input type="text"/>				SUBTOTAL (3) (\$)		Independent Claims <input type="text"/> -3** = <input type="text"/> x <input type="text"/> = <input type="text"/>				475.00		Multiple Dependent <input type="text"/>						<table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent			SUBTOTAL (2) (\$)				0.00		**or number previously paid, if greater; For Reissues, see above					
Large Entity		Small Entity				Fee Description	Fee Paid																																																																																																																																																																																																																																																																								
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																												
1051	130	2051	65			Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																									
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																											
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																																											
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																																																											
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																											
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																											
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																											
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																																											
1253	950	2253	475	Extension for reply within third month	475.00																																																																																																																																																																																																																																																																										
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																																											
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																																											
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																																											
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																											
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																											
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																											
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																											
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																											
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																											
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																											
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																											
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																											
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																																											
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																											
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																											
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																											
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																																																																											
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																											
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																											
Other fee (specify)																																																																																																																																																																																																																																																																															
SUBTOTAL (1) (\$)				0.00																																																																																																																																																																																																																																																																											
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																											
Total Claims <input type="text"/> -20** = <input type="text"/> x <input type="text"/> = <input type="text"/>				SUBTOTAL (3) (\$)																																																																																																																																																																																																																																																																											
Independent Claims <input type="text"/> -3** = <input type="text"/> x <input type="text"/> = <input type="text"/>				475.00																																																																																																																																																																																																																																																																											
Multiple Dependent <input type="text"/>																																																																																																																																																																																																																																																																															
<table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																										
Large Entity		Small Entity		Fee Description																																																																																																																																																																																																																																																																											
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																												
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																											
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																											
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																											
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																											
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																											
SUBTOTAL (2) (\$)				0.00																																																																																																																																																																																																																																																																											
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																																																																																															

SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type)	DeAnn F. Smith	Registration No. (Attorney/Agent)	36,683
Signature		Telephone	(617) 227-7400
		Date	October 21, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354229316 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 21, 2003

Signature: (DeAnn F. Smith)